

(ii) *Accelerated weathering test*—(A) [Reserved]

(B) *Organic-coated glass*. Specimens shall be judged satisfactory if they pass both the adhesion test and the tensile test described below in paragraph (e)(ii)(B) (1) and (2) of this section.

(1) *Adhesion test (organic-coated glass only)*—(i) *Specimens*. The specimens for this test are the 2 inch by 6 inch (5 centimeters by 15 centimeters) weathered specimens and the control specimens. The specimens shall be conditioned just prior to the performance of the adhesion test at  $73^{\circ} \pm 6^{\circ} \text{F}$  ( $23^{\circ} \pm 3^{\circ} \text{C}$ ) and  $50 \pm 5$  percent relative humidity for 24 hours.

(ii) *Apparatus*. The test apparatus shall consist of a constant-rate-of-extension-type (CRE) tensile tester with the moving crosshead set to move at 12 inches per minute (5 millimeters per second) and load range such that the average pull force will fall at 30 to 50 percent of full scale. A cutter shall be used containing new razor blades for cutting 1 inch (25 millimeter) wide specimens of the organic coating on the glass. The razor blades shall be used one time only.

(iii) *Procedure*. Using the razor cutter, cut a straight, 1 inch (25 millimeter) wide strip of the organic coating in the lengthwise direction of the glass specimen along and within  $\frac{1}{4}$  inch (6 millimeters) of one edge. Peel back, cleanly and evenly, about 2 inches (50 millimeters) of one end of the 1 inch (25 millimeters) wide organic strip. Attach a strip of reinforced pressure sensitive tape to the side of the organic strip opposite the adhesive, to extend this free end to about 8 inches (200 millimeters) in length. Place the end of the glass panel from which the organic strip was removed in the lower clamp of the tensile tester and the free end of the tape in the upper clamp. Peel the remainder of the organic strip from the glass mechanically and obtain a record of the pull force value. Determine and record the average pull force value for each specimen from the chart. Weathered and control specimens are to be tested alternately.

(iv) *Interpretation of results*. The organic-coated glass adhesion shall be judged satisfactory if the average pull force for the weathered specimens is no

less than 90 percent of the average pull force for the control specimens.

(2) *Tensile strength test (organic-coated glass only)*. (i) The specimens for this test are the same 2 inch by 6 inch (5 centimeter by 15 centimeter) specimens used in the adhesion test.

(ii) *Apparatus*. The CRE tensile tester shall be used with the moving crosshead set to move at 2 inches per minute (0.8 millimeter per second) and the load range such that the specimens will break at 30 to 60% of full scale. A cutter shall be used containing new razor blades for cutting  $\frac{1}{2}$  inch (12 millimeter) wide specimens of the organic coating on the glass. The razor blades shall be used one time only.

(iii) *Procedure*. Using the  $\frac{1}{2}$  inch (12 millimeter) razor cutter, cut a straight strip of the organic coating in the lengthwise direction of the glass specimen for the full 6 inch (15 centimeter) length. Carefully peel this strip from the glass panel and test it for breaking strength in the tensile tester.

(iv) *Interpretation of results*. The organic coating tensile strength shall be judged satisfactory if the average tensile value of the weathered specimens is no less than 75 percent of the average of the control specimens. Weathered and control specimens are to be tested alternately.

(Sec. 9(e) Pub. L. 92-573, 86 Stat. 1215; (15 U.S.C. 2058(e)); (5 U.S.C. 553); sec. 9(h), Consumer Product Safety Act, as amended by the Consumer Product Safety Amendments of 1981 (Pub. L. 92-673, as amended by Pub. L. 97-35, 15 U.S.C. 2057(h)) and 5 U.S.C. 553)

[42 FR 1441, Jan. 6, 1977, as amended at 43 FR 43708, Sept. 27, 1978; 43 FR 57594, Dec. 8, 1978; 45 FR 66007, Oct. 6, 1980; 46 FR 63250, Dec. 31, 1981; 47 FR 27857, June 28, 1982]

#### § 1201.5 Certification and labeling requirements.

(a) Manufacturers and private labelers of glazing materials covered by this part 1201 shall comply with the requirements of section 14 CPSA (15 U.S.C. 2063) and regulations issued under section 14.

(b) [Reserved]

(c) Organic-coated glass that has been tested for environmental exposure from one side only must bear a permanent label on the coating stating "GLAZE THIS SIDE IN" and shall bear in the central 50 percent of the surface

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area the following message in letters at least ¼ inch (7 millimeters) high: "SEE PERMANENT LABEL FOR IMPORTANT MOUNTING INSTRUCTION." The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation.

[42 FR 1441, Jan. 6, 1977, as amended at 45 FR 66007, Oct. 6, 1980]

## § 1201.6 Prohibited stockpiling.

(a) *Stockpiling.* For the purposes of this section, the term *stockpiling* means manufacturing or importing the affected products between the date of issuance of this part in the FEDERAL REGISTER and the effective date set out below in § 1201.7 at a rate significantly greater (prescribed in paragraph (b) of this section) than the rate at which the affected products were produced or imported during a base period (prescribed in paragraph (c)(2) of this section).

(b) *Prohibited acts.* Manufacturers and importers of glazing materials, fabricators, and manufacturers or importers of architectural products specified in § 1201.1(a) who incorporate glazing material shall not incorporate glazing materials which do not comply with the requirements of this part 1201 into such products between the date of issuance of this part in the FEDERAL REGISTER and the effective date set out in § 1201.7 below at a rate greater than the rate of production or importation during the base period (defined in paragraph (c)(2) of this section) plus ten percent. For wired glass used in doors or other assemblies subject to this part 1201 and intended to retard the passage of fire, when such doors or other assemblies are required by a Federal, State, local or municipal fire ordinance, the rate of production during the base period may be increased annually by no more than 10 percent.

(c) *Definitions.* As used in this section:

(1) *Rate of production (or importation)* means the total number of affected architectural products incorporating glazing material not complying with this part manufactured or imported during a stated base period.

(2) *Base period* means, at the option of the manufacturer or importer, any period of 180 consecutive days prior to

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January 6, 1977, said period to be selected within an interval which begins July 6, 1975.

## § 1201.7 Effective date.

The effective date of this part 1201 shall be July 6, 1977 except:

(a) For glazing materials used in doors or other assemblies subject to this part and intended to retard the passage of fire when such doors or other assemblies are required by a Federal, State, or local or municipal fire ordinance, the effective date shall be January 6, 1980.

(b) Architectural glazing materials manufactured before July 6, 1977 may be incorporated into architectural products listed in § 1201.1(a) through July 5, 1978 if:

(1) The architectural glazing material conforms to ANSI Standard Z97.1–1972 or 1975, "Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings," 1972 or 1975<sup>2</sup>, which is incorporated by reference, and

(2) The architectural glazing material is permanently labeled to indicate it conforms to ANSI Z97.1–1972 or 1975 or is accompanied by a certificate certifying conformance to ANSI Z97.1 1972 or 1975.

(c) Tempered glass manufactured before July 6, 1977 may be incorporated into architectural products listed in § 1201.1(a) through July 5, 1981 if:

(1) The tempered glass conforms to ANSI Z97.1–1972 or 1975; and

(2) The tempered glass is permanently labeled to indicate it conforms to ANSI Z97.1–1972 or 1975 or is accompanied by a certificate certifying conformance to ANSI Z97.1–1972 or 1975.

(d) Laminated glass manufactured on or after July 6, 1977 through December

<sup>2</sup>Copies of ANSI Standard Z97.1–1972 or 1975 are available from the American National Standards Institute, 1430 Broadway, New York, New York 10018. They are also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC 20001. This incorporation by reference was approved by the Director of the Federal Register. These materials are incorporated as they exist in the editions which have been approved by the Director of the Federal Register and which have been filed with the Office of the Federal Register.